

Figure 1 consists of 12 sub-graphs labeled (a) through (l). Each graph plots a different parameter on the y-axis against the number of days after the start of the epidemic (0 to 100) on the x-axis. The parameters and their corresponding y-axis scales are as follows:

- (a) β : 0.0000 to 0.0005
- (b) β : 0.0000 to 0.0005
- (c) β : 0.0000 to 0.0005
- (d) β : 0.0000 to 0.0005
- (e) β : 0.0000 to 0.0005
- (f) β : 0.0000 to 0.0005
- (g) β : 0.0000 to 0.0005
- (h) β : 0.0000 to 0.0005
- (i) β : 0.0000 to 0.0005
- (j) β : 0.0000 to 0.0005
- (k) β : 0.0000 to 0.0005
- (l) β : 0.0000 to 0.0005

The graphs show various trends, with some parameters increasing sharply and others increasing more gradually or remaining relatively constant.

5

10